

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021667.D
 Acq On : 31 Mar 2021 06:31
 Operator : JC/MD
 Sample : M1842-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20210323

Quant Time: Mar 31 06:54:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 24 12:25:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

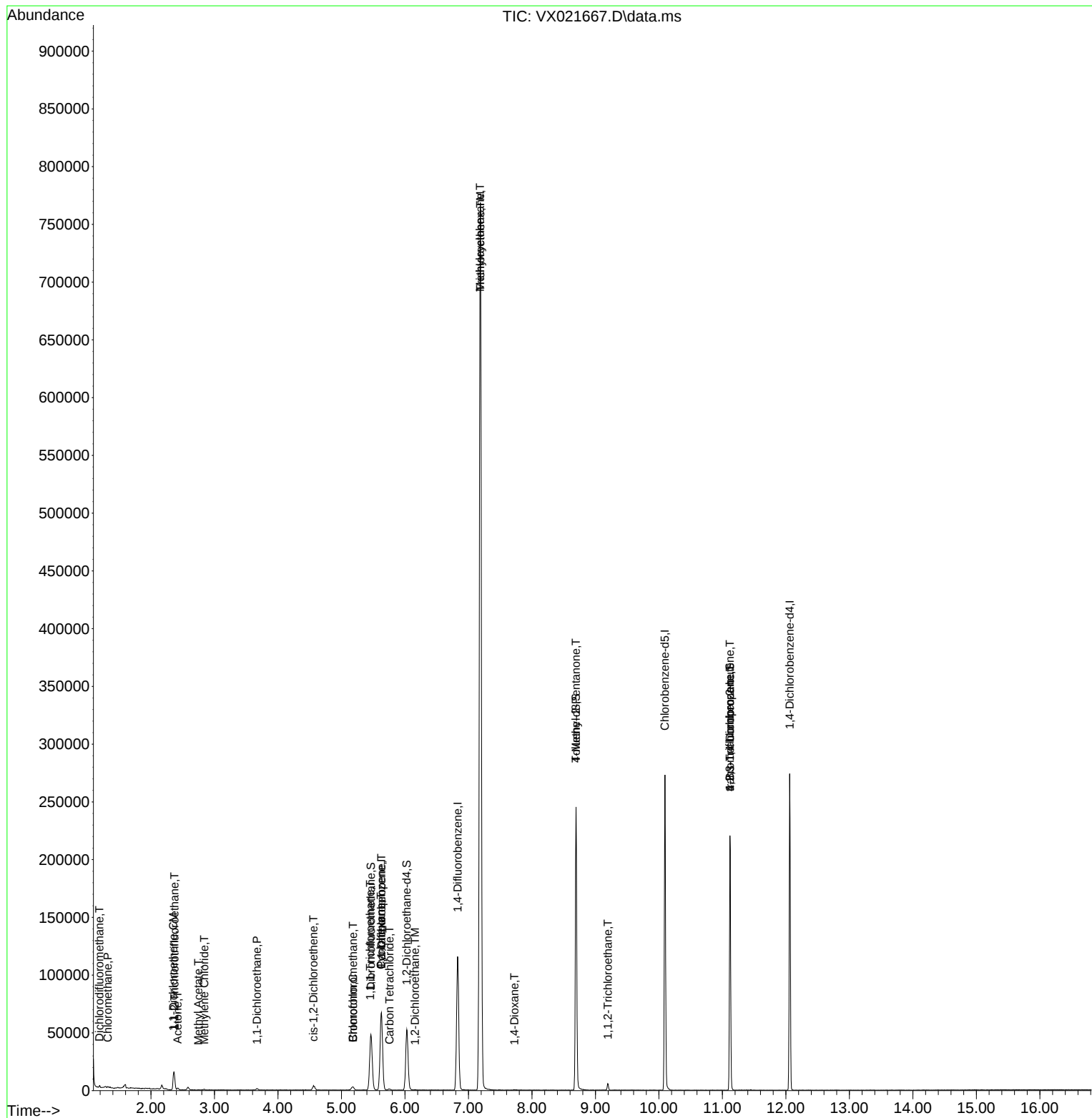
Internal Standards						
1) Pentafluorobenzene	5.629	168	58387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	106024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	110976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	50326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	52051	53.58	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.16%	
35) Dibromofluoromethane	5.464	113	39912	53.00	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.00%	
50) Toluene-d8	8.694	98	137927	51.39	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.78%	
62) 4-Bromofluorobenzene	11.118	95	55633	53.32	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.64%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.187	85	697	1.09	ug/l	99
3) Chloromethane	1.317	50	1307	1.81	ug/l #	86
9) 1,1,2-Trichlorotrifluo...	2.370	101	3912	6.51	ug/l	92
12) 1,1-Dichloroethene	2.352	96	2396	4.07	ug/l	96
16) Acetone	2.417	43	1608	4.38	ug/l #	86
18) Methyl Acetate	2.746	43	219	0.21	ug/l #	47
20) Methylene Chloride	2.840	84	259	0.36	ug/l #	77
24) 1,1-Dichloroethane	3.670	63	1365	1.09	ug/l #	81
27) cis-1,2-Dichloroethene	4.558	96	2054	2.74	ug/l	95
28) Bromochloromethane	5.182	49	302	0.48	ug/l #	9
30) Chloroform	5.182	83	3307	2.50	ug/l	93
31) Cyclohexane	5.623	56	1636	1.53	ug/l #	47
32) 1,1,1-Trichloroethane	5.452	97	325	0.28	ug/l #	42
36) 1,1-Dichloropropene	5.629	75	5143	4.95	ug/l #	50
38) Carbon Tetrachloride	5.758	117	750	0.67	ug/l	95
39) Methylcyclohexane	7.182	83	3928	3.41	ug/l #	1
42) 1,2-Dichloroethane	6.158	62	319	0.25	ug/l #	73
44) Trichloroethene	7.188	130	279321	358.81	ug/l	94
49) 1,4-Dioxane	7.723	88	308	16.54	ug/l #	78
51) 4-Methyl-2-Pentanone	8.694	43	820	0.68	ug/l #	1
55) 1,1,2-Trichloroethane	9.194	97	1366	1.78	ug/l	93
76) 1,2,3-Trichloropropane	11.118	75	31387	26.79	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.118	75	31387	81.60	ug/l #	12

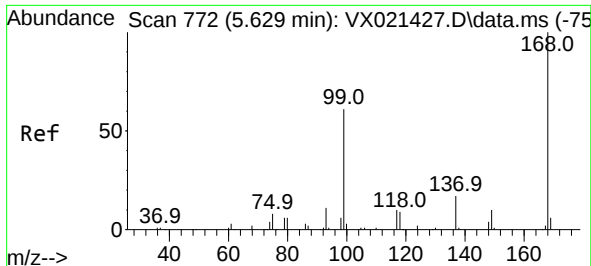
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
TT180D1-20210323

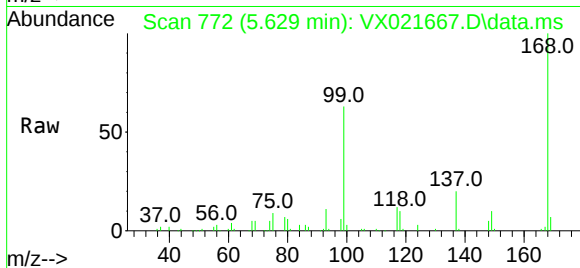
Quant Time: Mar 31 06:54:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 24 12:25:26 2021
Response via : Initial Calibration



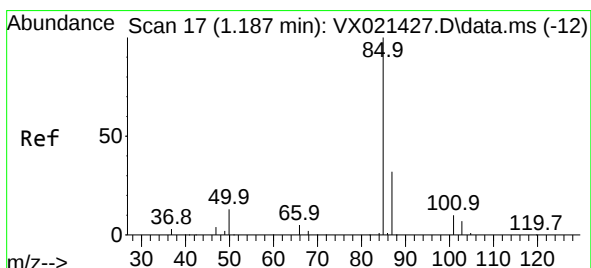
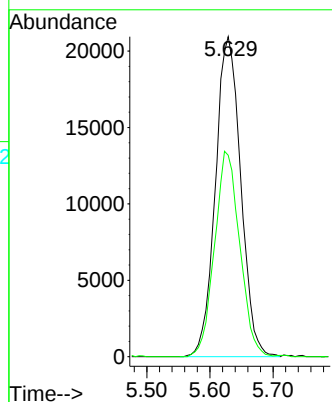
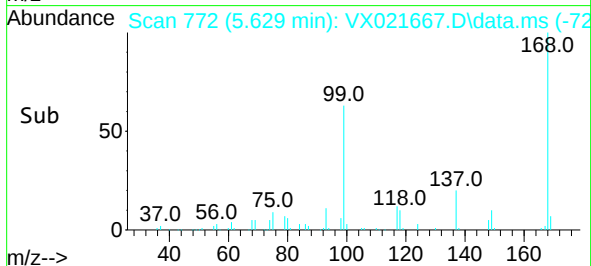


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

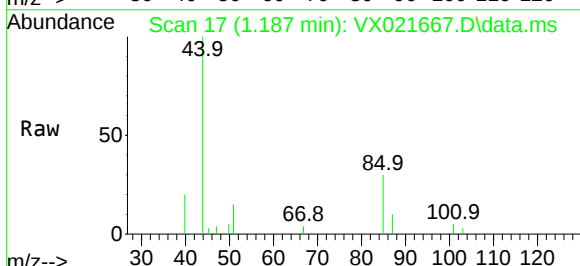
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323



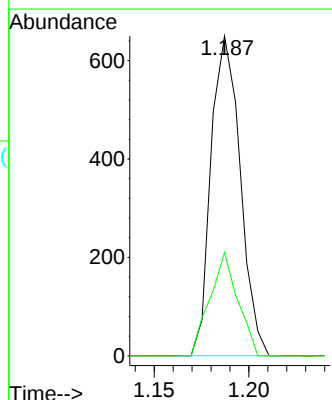
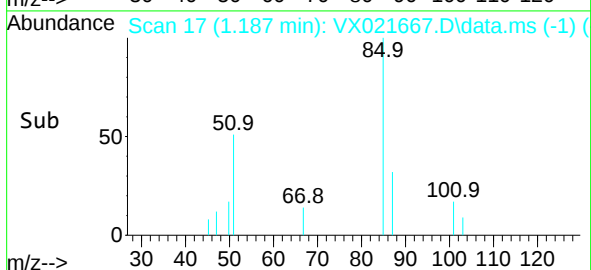
Tgt Ion:168 Resp: 58387
Ion Ratio Lower Upper
168 100
99 62.9 45.8 68.6

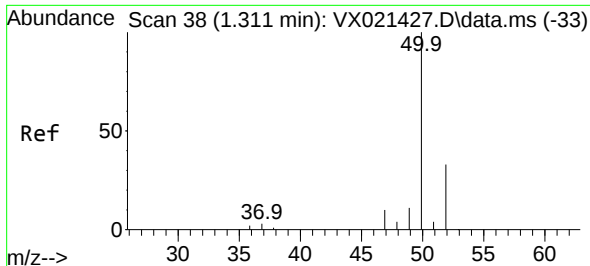


#2
Dichlorodifluoromethane
Concen: 1.09 ug/l
RT: 1.187 min Scan# 17
Delta R.T. 0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31



Tgt Ion: 85 Resp: 697
Ion Ratio Lower Upper
85 100
87 32.3 16.4 49.2

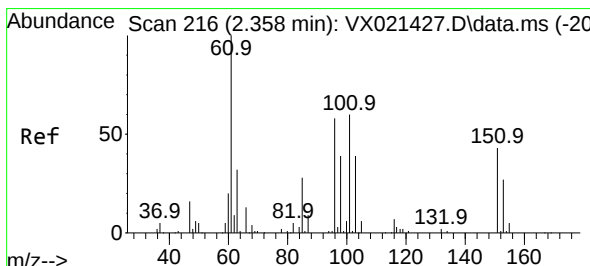
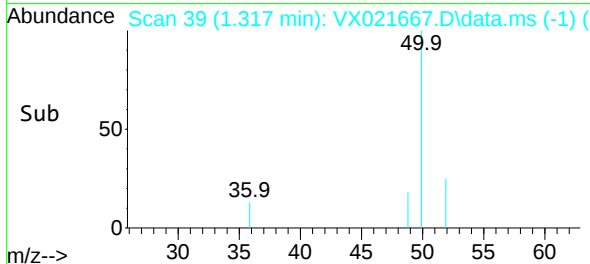
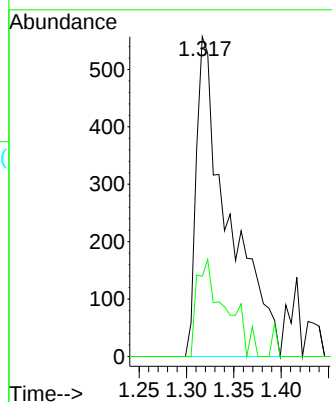
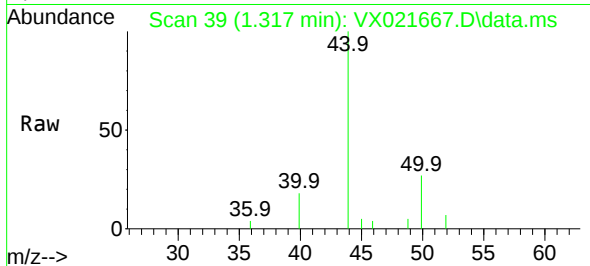




#3
Chloromethane
Concen: 1.81 ug/l
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

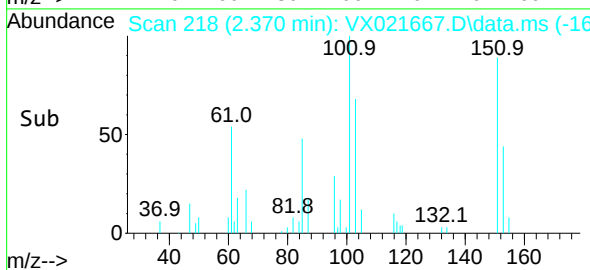
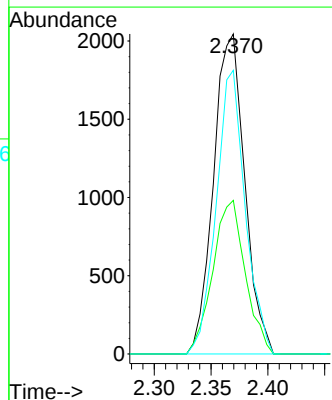
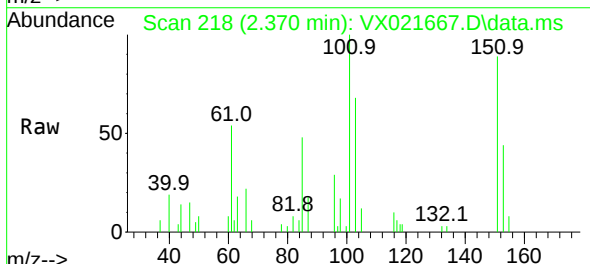
Instrument :
MSVOA_X
ClientSampleId :
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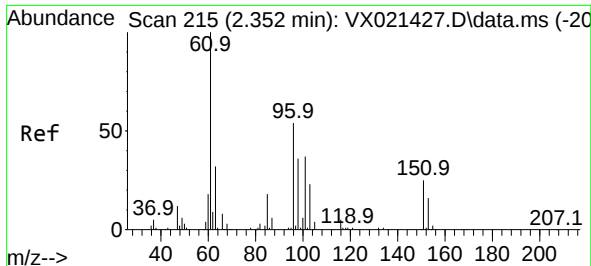
Tgt Ion: 50 Resp: 1307
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.51 ug/l
RT: 2.370 min Scan# 218
Delta R.T. 0.012 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 101 Resp: 3912
Ion Ratio Lower Upper
101 100
85 49.9 34.9 52.3
151 82.7 61.4 92.2

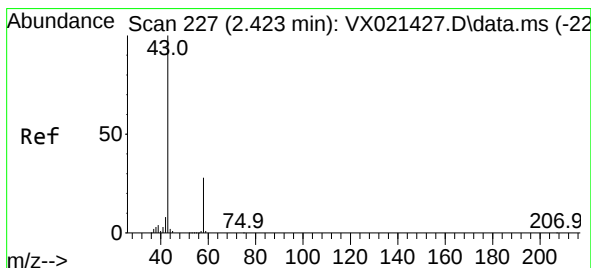
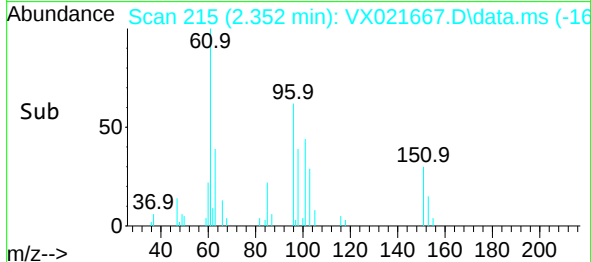
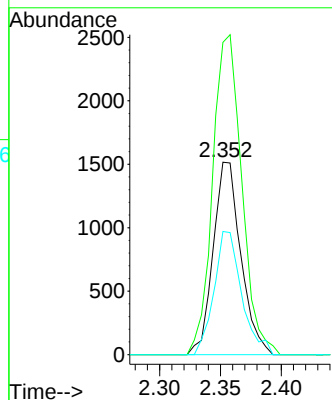
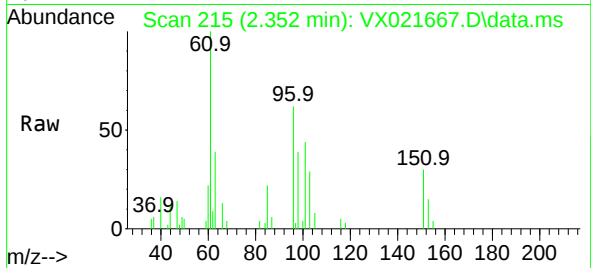




#12
1,1-Dichloroethene
Concen: 4.07 ug/l
RT: 2.352 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

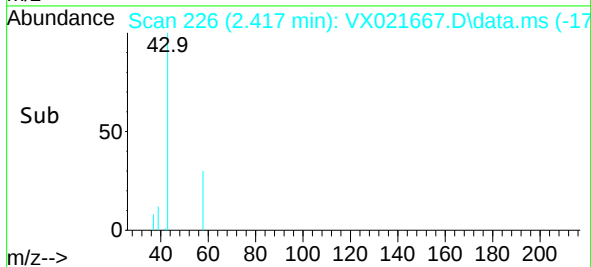
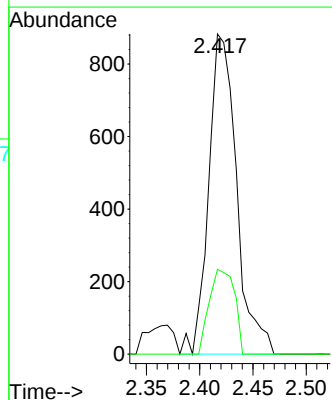
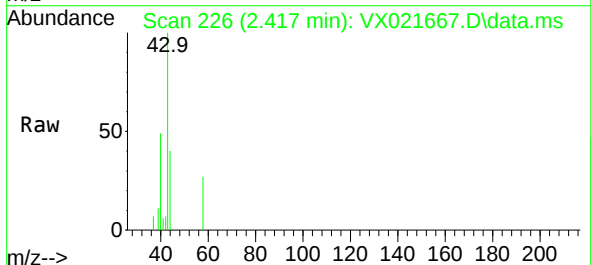
Instrument :
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TT180D1-20210323

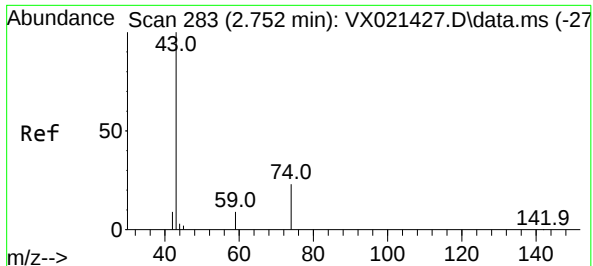
Tgt Ion: 96 Resp: 2396
Ion Ratio Lower Upper
96 100
61 162.3 124.6 187.0
98 64.0 50.6 76.0



#16
Acetone
Concen: 4.38 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 43 Resp: 1608
Ion Ratio Lower Upper
43 100
58 26.5 27.8 41.8#

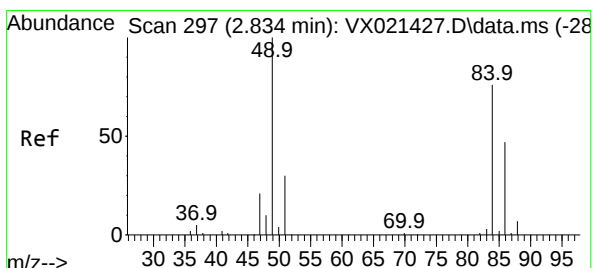
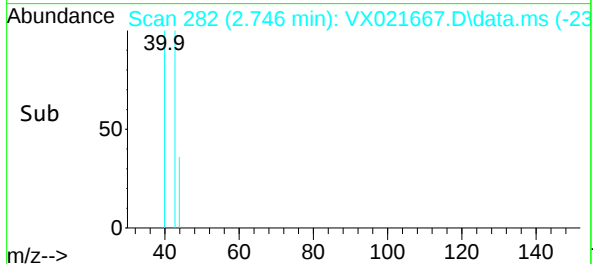
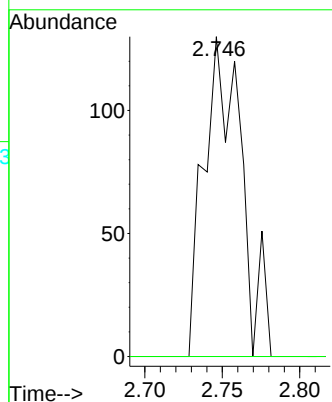
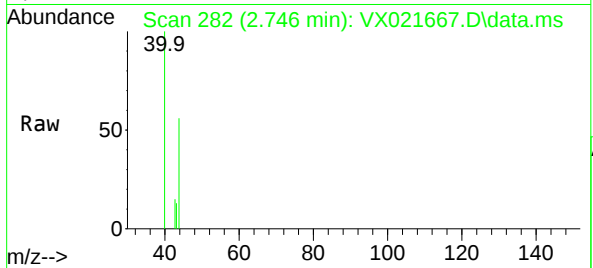




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

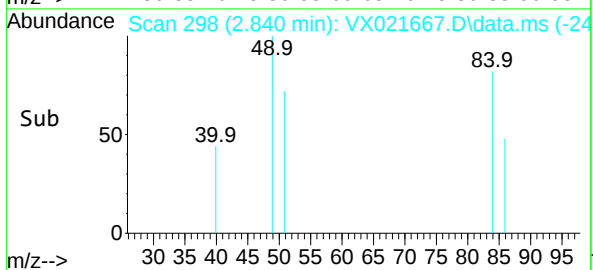
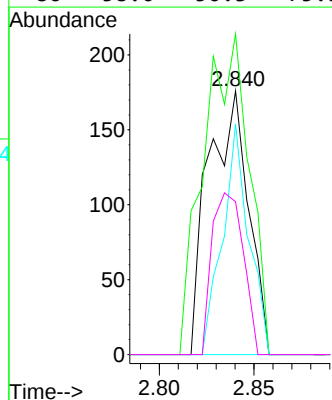
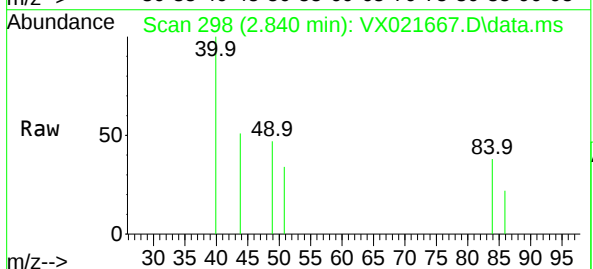
Instrument :
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ClientSampleId :
TT180D1-20210323

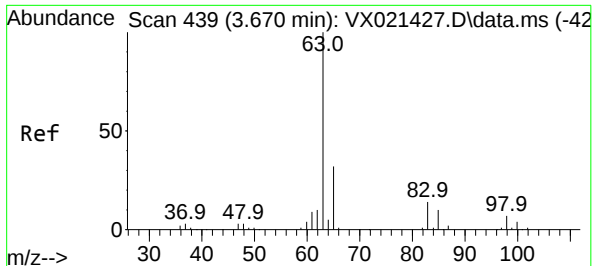
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#20
Methylene Chloride
Concen: 0.36 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.006 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 84 Resp: 259
Ion Ratio Lower Upper
84 100
49 121.6 88.6 132.8
51 87.5 27.0 40.6#
86 58.0 50.3 75.5

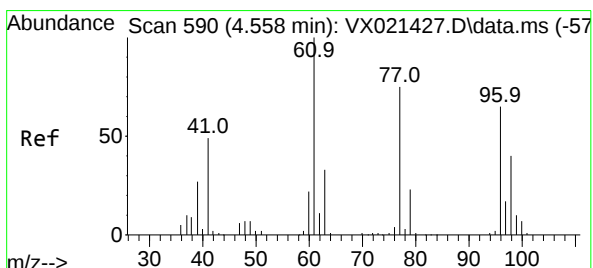
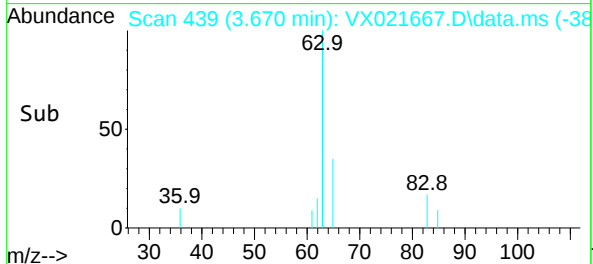
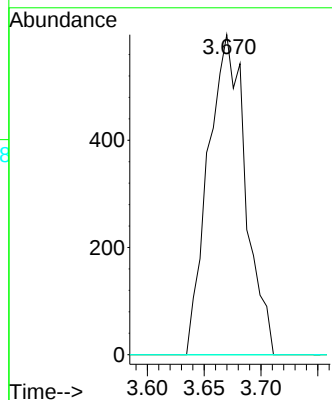
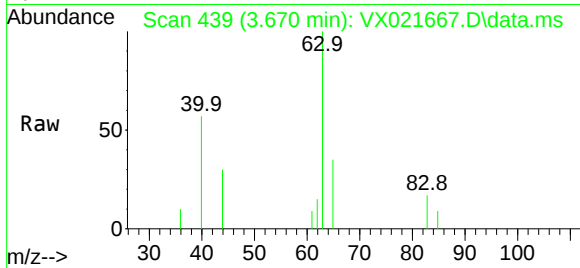




#24
 1,1-Dichloroethane
 Concen: 1.09 ug/l
 RT: 3.670 min Scan# 439
 Delta R.T. -0.000 min
 Lab File: VX021667.D
 Acq: 31 Mar 2021 06:31

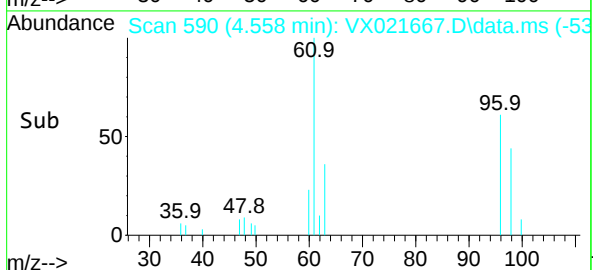
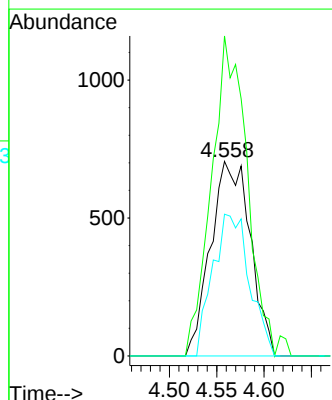
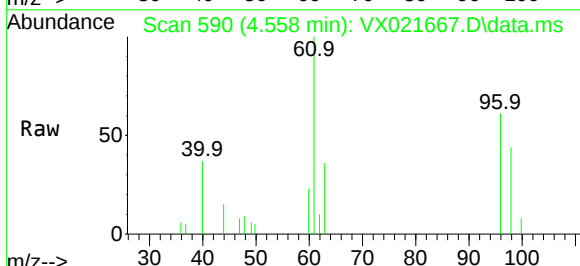
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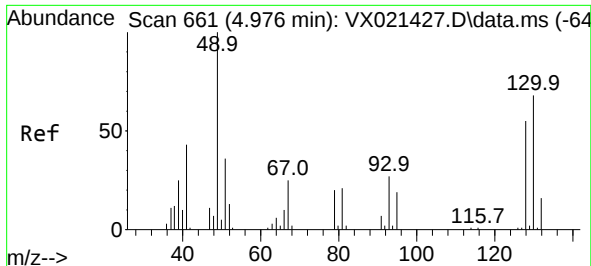
Tgt Ion: 63 Resp: 1365
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.8 11.2#
 100 0.0 2.5 7.5#



#27
 cis-1,2-Dichloroethene
 Concen: 2.74 ug/l
 RT: 4.558 min Scan# 590
 Delta R.T. 0.000 min
 Lab File: VX021667.D
 Acq: 31 Mar 2021 06:31

Tgt Ion: 96 Resp: 2054
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 285.6
 98 67.5 0.0 129.6

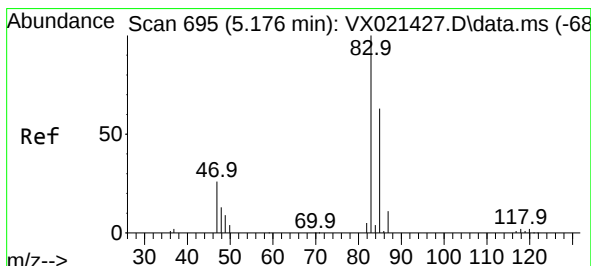
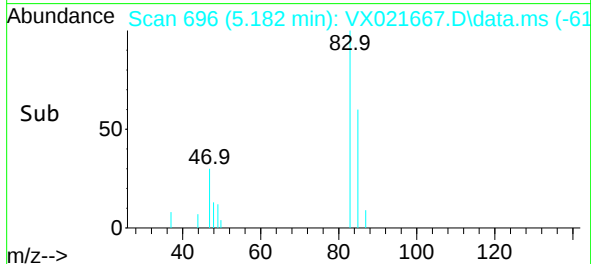
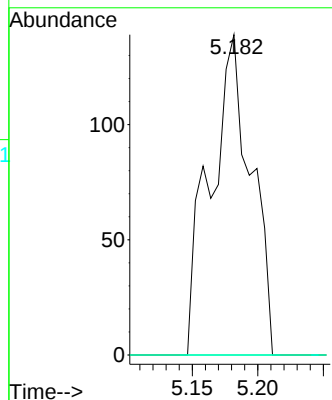
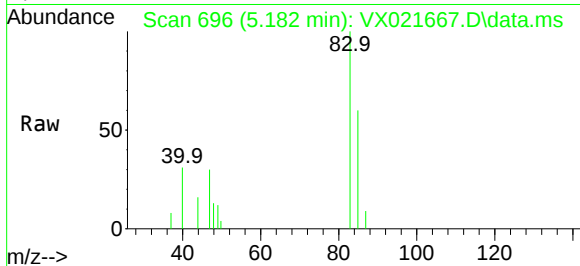




#28
Bromochloromethane
Concen: 0.48 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.206 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

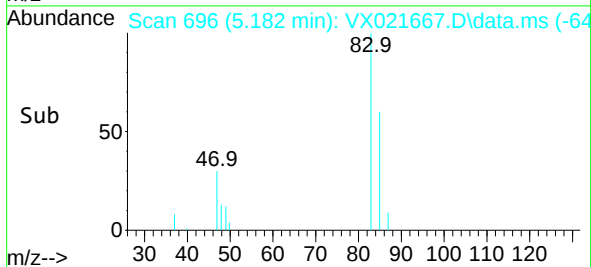
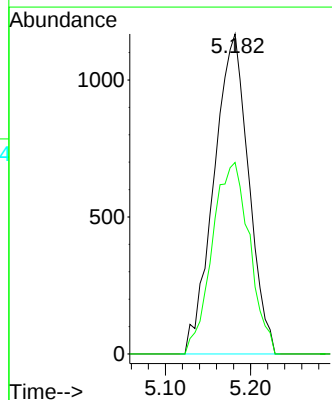
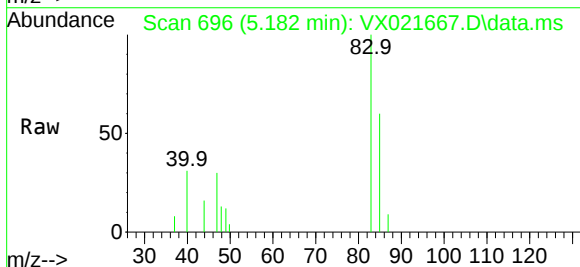
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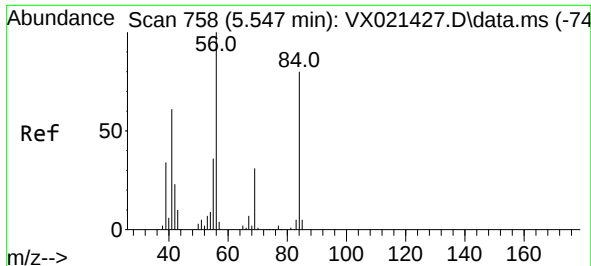
Tgt Ion: 49 Resp: 302
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 68.2 102.2#



#30
Chloroform
Concen: 2.50 ug/l
RT: 5.182 min Scan# 696
Delta R.T. 0.006 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

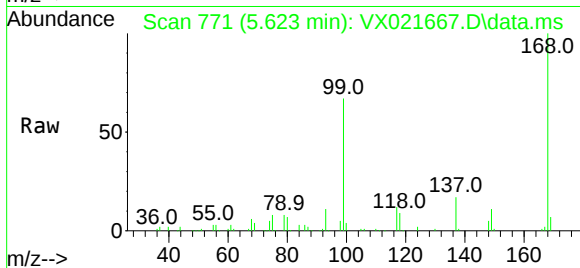
Tgt Ion: 83 Resp: 3307
Ion Ratio Lower Upper
83 100
85 59.8 52.0 78.0



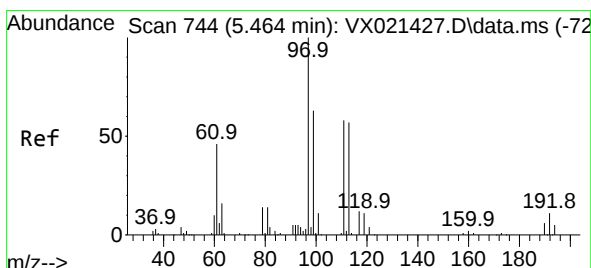
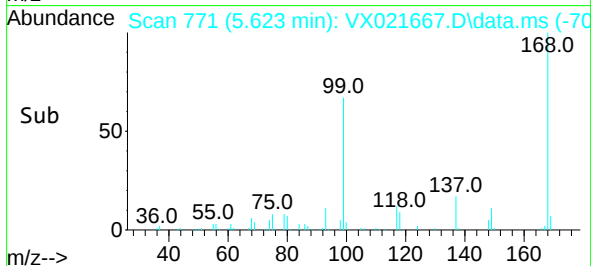
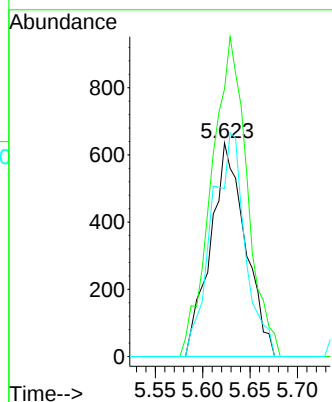


#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Instrument :
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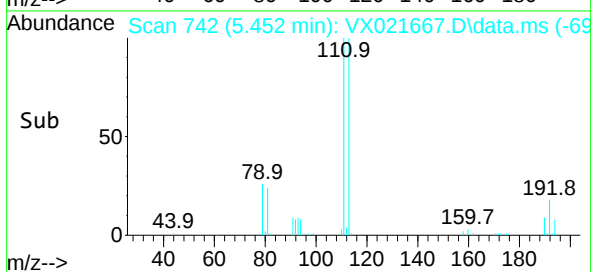
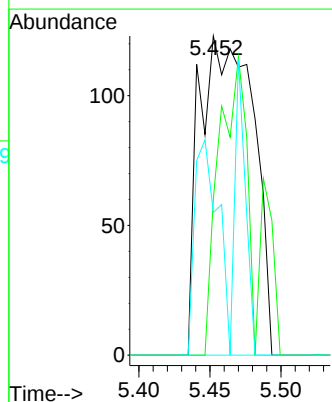
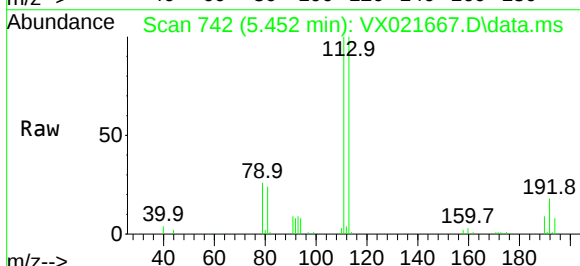


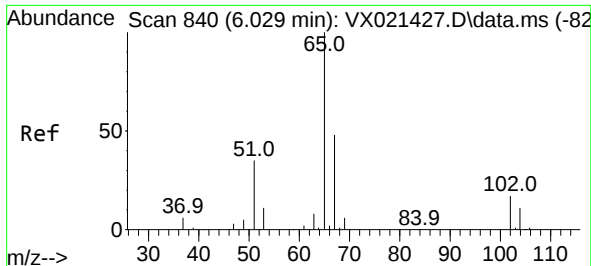
Tgt Ion: 56 Resp: 1636
Ion Ratio Lower Upper
56 100
69 125.3 25.3 37.9#
84 78.6 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.28 ug/l
RT: 5.452 min Scan# 742
Delta R.T. -0.012 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 97 Resp: 325
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 29.5 34.2 51.4#

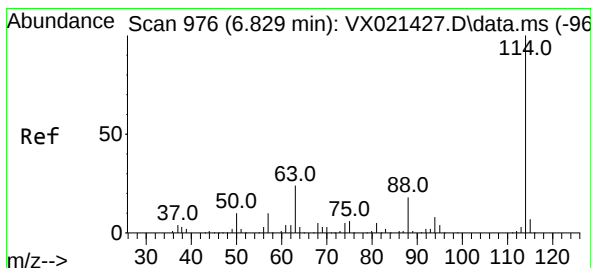
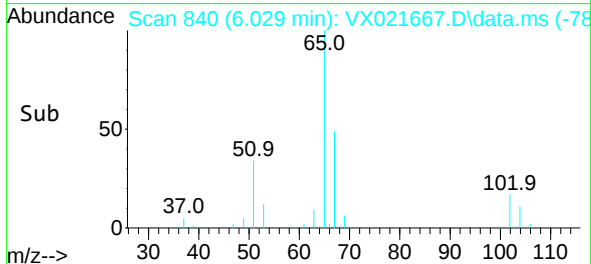
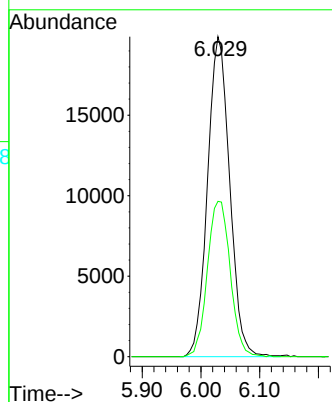
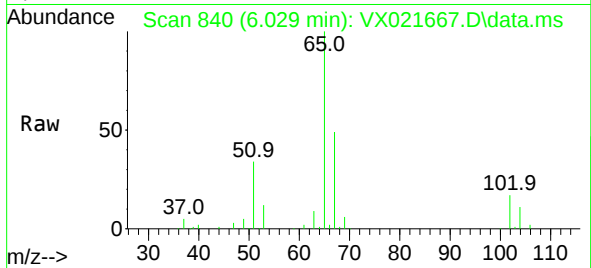




#33
1,2-Dichloroethane-d4
Concen: 53.58 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

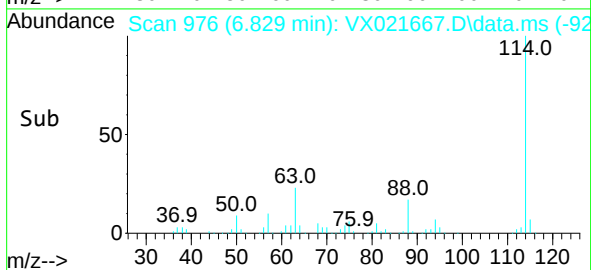
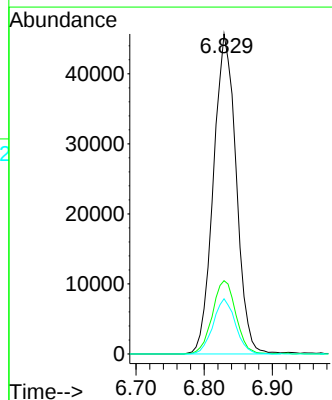
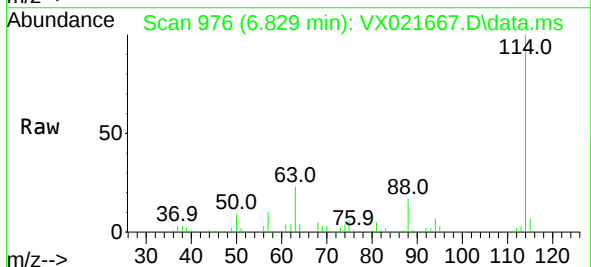
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323

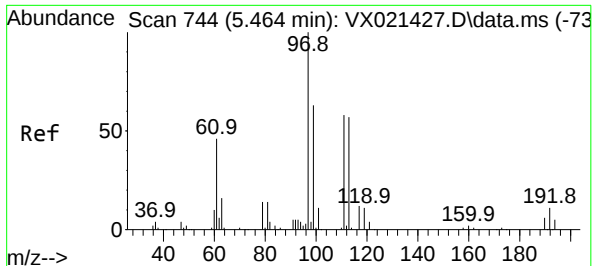
Tgt Ion: 65 Resp: 52051
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 114 Resp: 106024
Ion Ratio Lower Upper
114 100
63 22.9 0.0 40.8
88 17.2 0.0 32.8

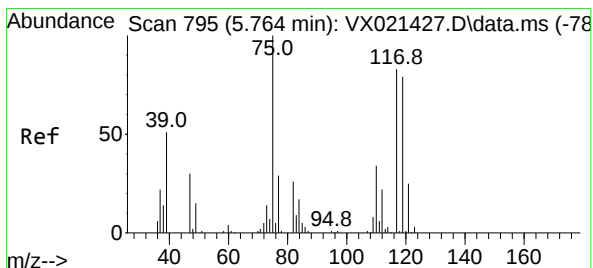
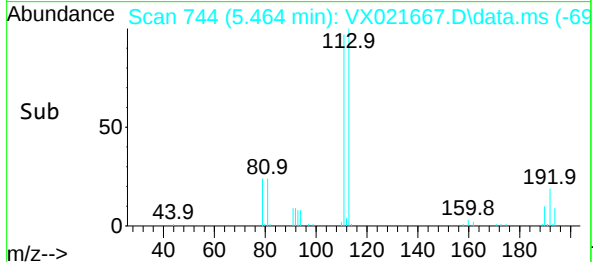
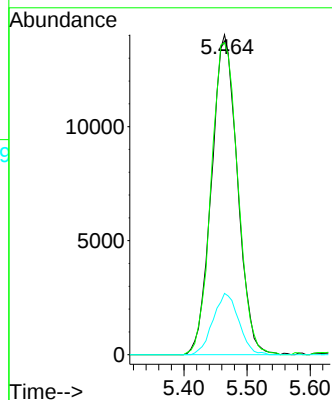
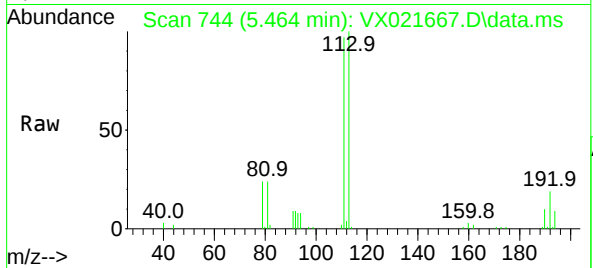




#35
Dibromofluoromethane
Concen: 53.00 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

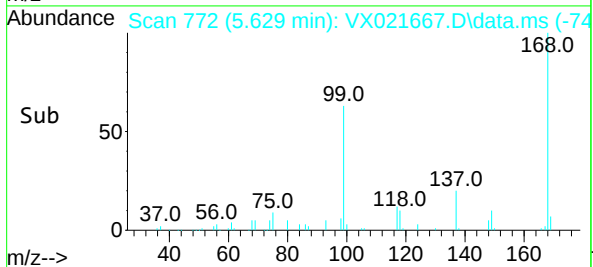
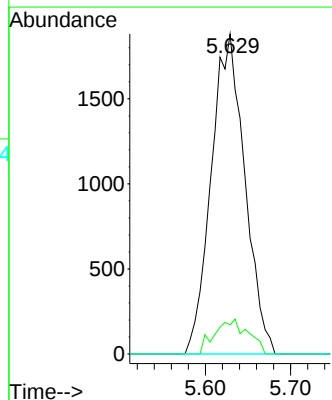
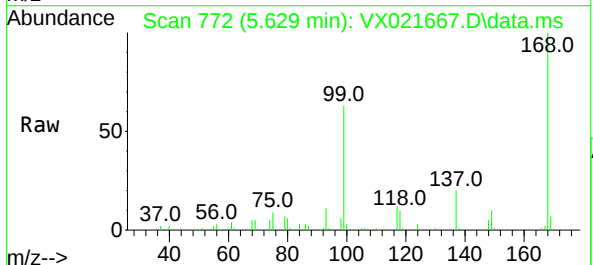
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323

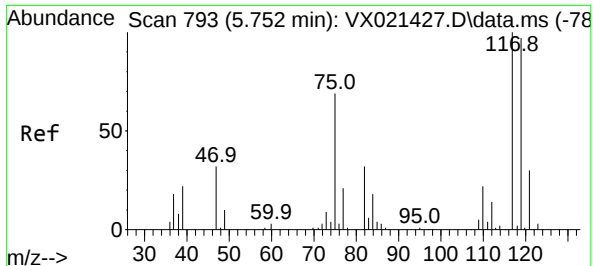
Tgt Ion:113 Resp: 39912
Ion Ratio Lower Upper
113 100
111 100.5 81.9 122.9
192 19.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.135 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 75 Resp: 5143
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#

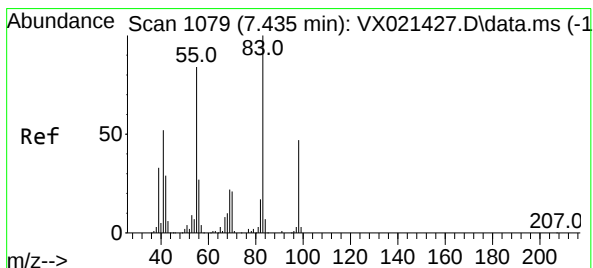
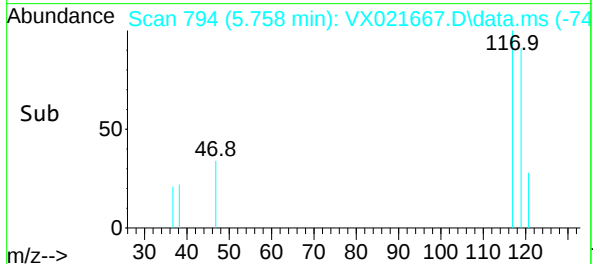
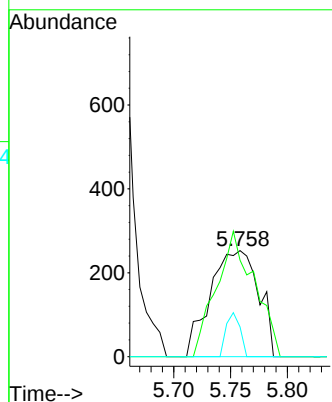
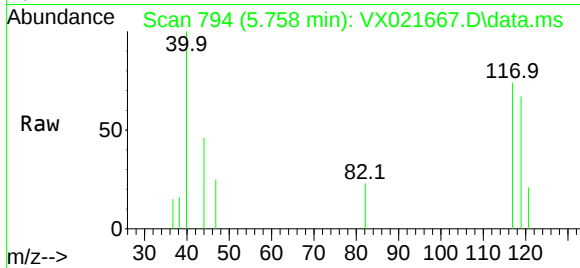




#38
Carbon Tetrachloride
Concen: 0.67 ug/l
RT: 5.758 min Scan# 794
Delta R.T. 0.006 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

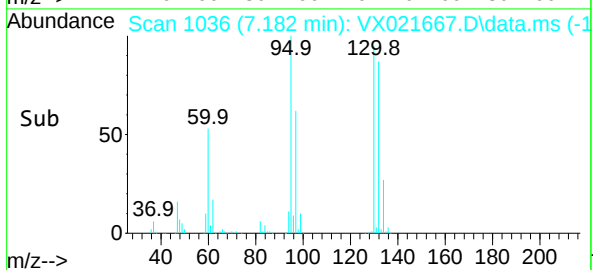
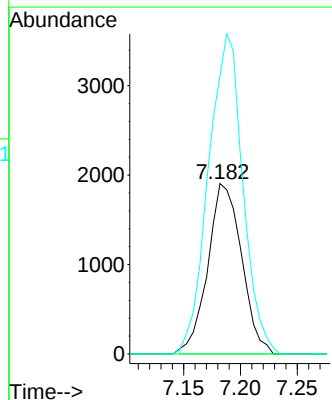
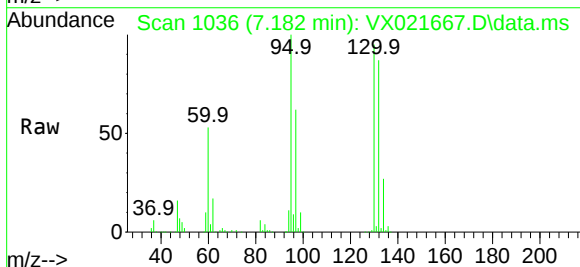
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323

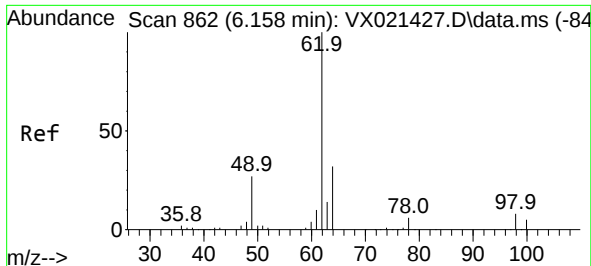
Tgt Ion:117 Resp: 750
Ion Ratio Lower Upper
117 100
119 90.9 76.2 114.2
121 28.1 24.8 37.2



#39
Methylcyclohexane
Concen: 3.41 ug/l
RT: 7.182 min Scan# 1036
Delta R.T. -0.253 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 83 Resp: 3928
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 163.5 38.1 57.1#





#42

1,2-Dichloroethane

Concen: 0.25 ug/l

RT: 6.158 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX021667.D

Acq: 31 Mar 2021 06:31

Tgt Ion: 62 Resp: 319

Ion Ratio Lower Upper

62 100

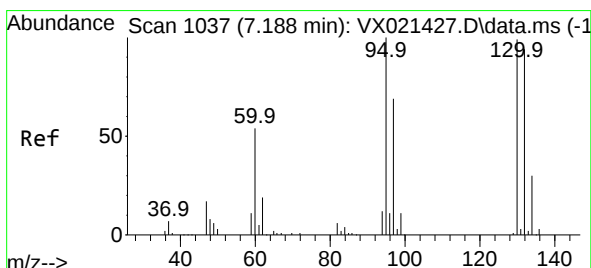
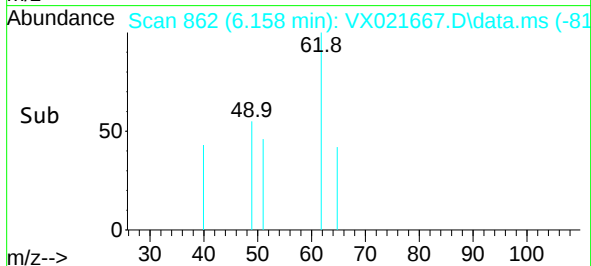
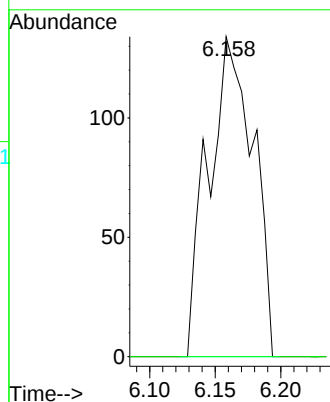
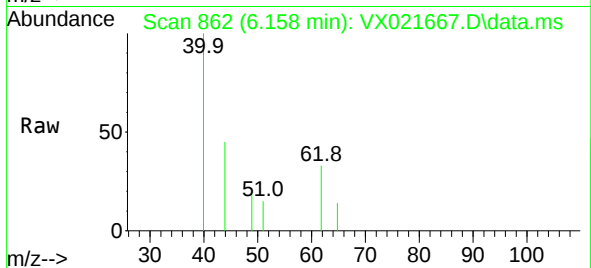
98 0.0 0.0 20.2

Instrument :

MSVOA_X

ClientSampleId :

TT180D1-20210323



#44

Trichloroethene

Concen: 358.81 ug/l

RT: 7.188 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VX021667.D

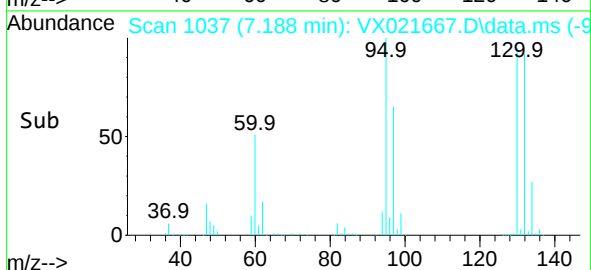
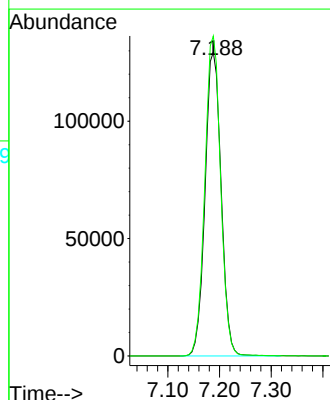
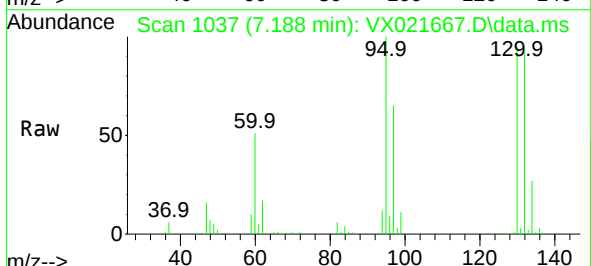
Acq: 31 Mar 2021 06:31

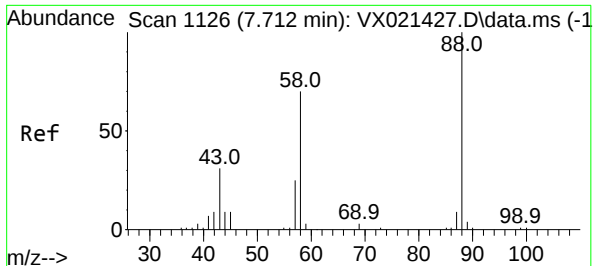
Tgt Ion:130 Resp: 279321

Ion Ratio Lower Upper

130 100

95 105.3 0.0 198.0

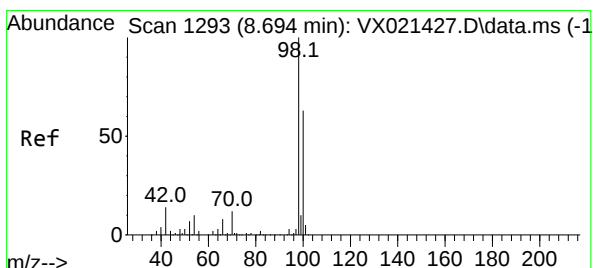
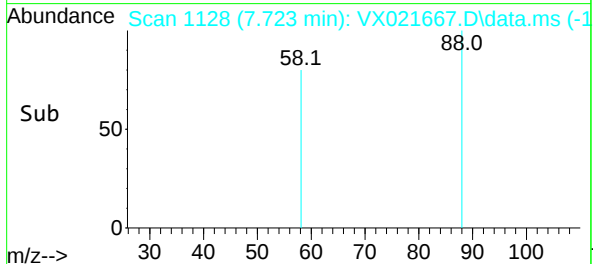
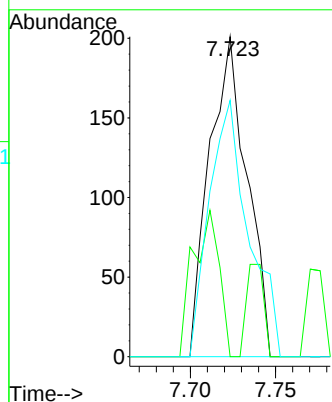
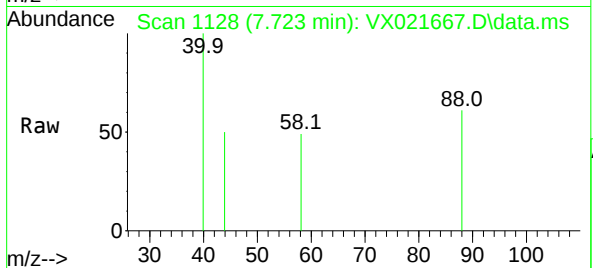




#49
1,4-Dioxane
Concen: 16.54 ug/l
RT: 7.723 min Scan# 1128
Delta R.T. 0.011 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

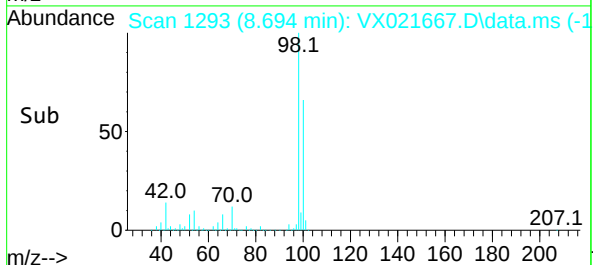
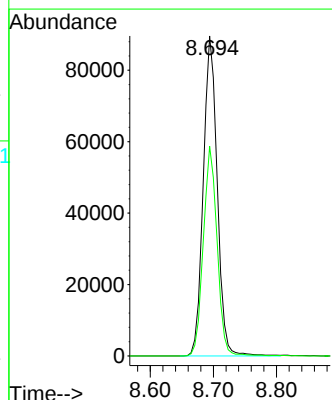
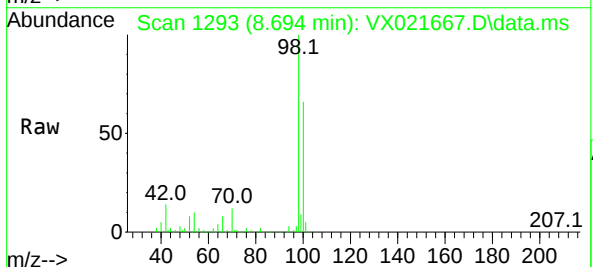
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323

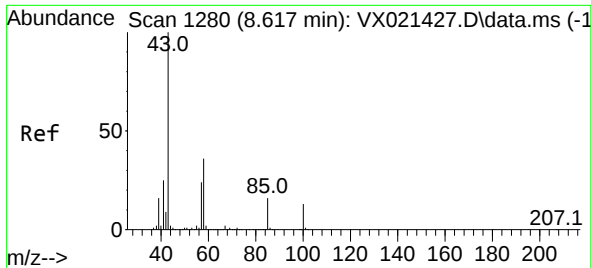
Tgt Ion: 88 Resp: 308
Ion Ratio Lower Upper
88 100
43 13.3 23.2 34.8#
58 84.1 55.0 82.4#



#50
Toluene-d8
Concen: 51.39 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 98 Resp: 137927
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

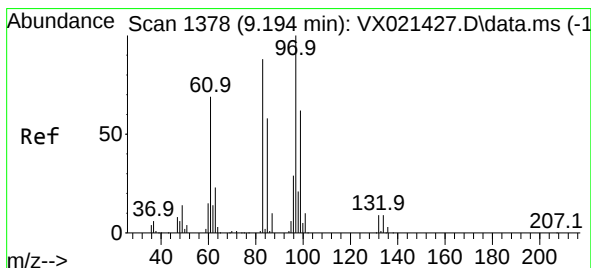
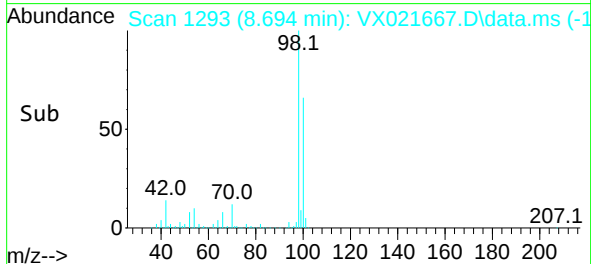
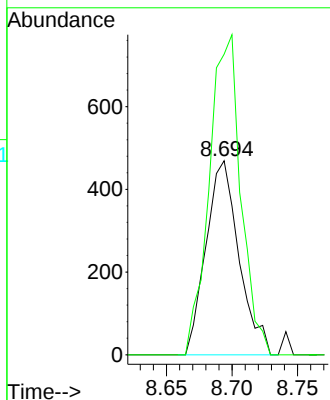
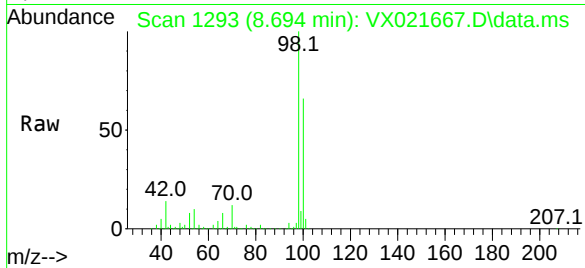




#51
4-Methyl-2-Pentanone
Concen: 0.68 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.077 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

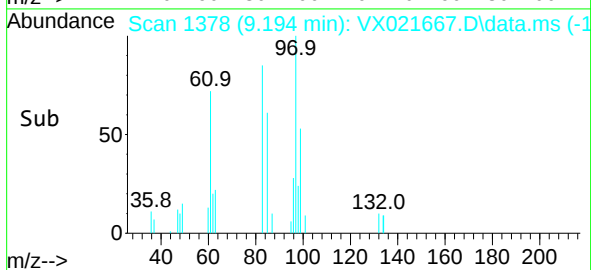
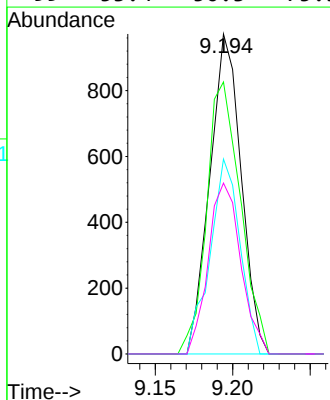
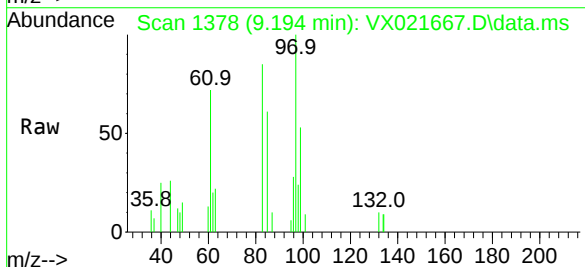
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323

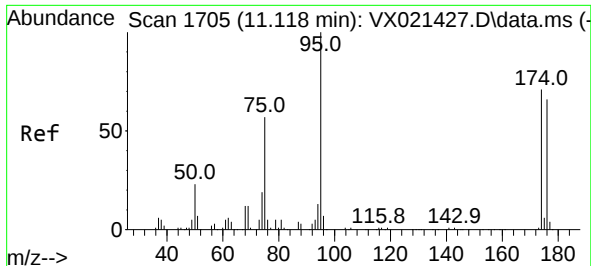
Tgt Ion: 43 Resp: 820
Ion Ratio Lower Upper
43 100
58 158.2 35.4 53.0#



#55
1,1,2-Trichloroethane
Concen: 1.78 ug/l
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 97 Resp: 1366
Ion Ratio Lower Upper
97 100
83 85.0 69.3 103.9
85 60.9 44.3 66.5
99 53.4 50.3 75.5

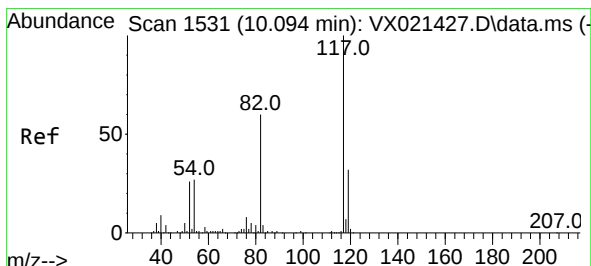
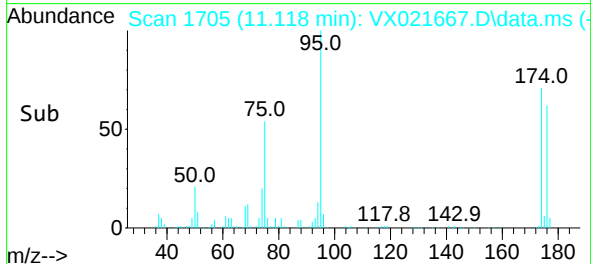
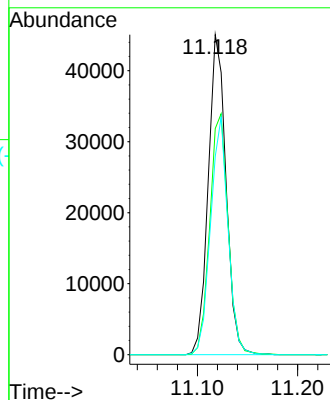
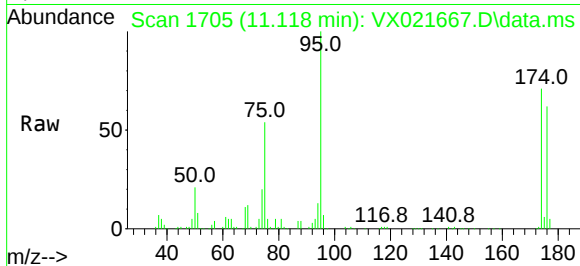




#62
4-Bromofluorobenzene
Concen: 53.32 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

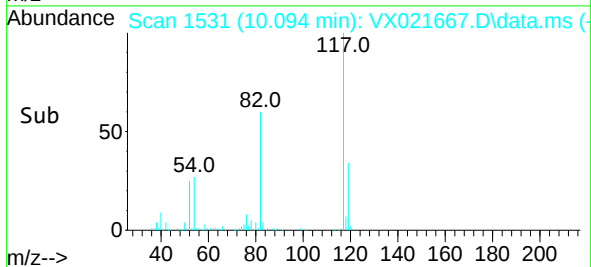
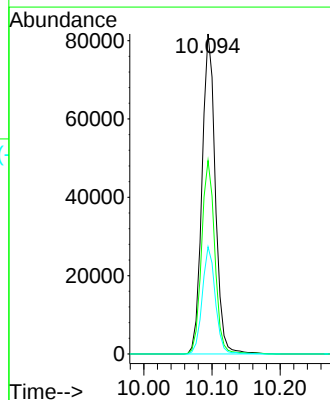
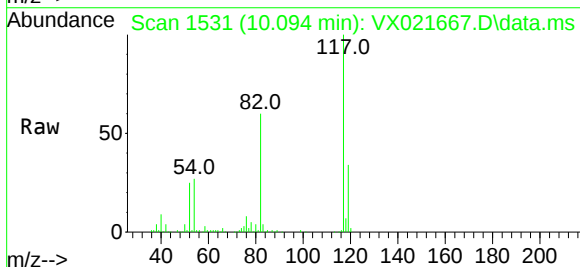
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323

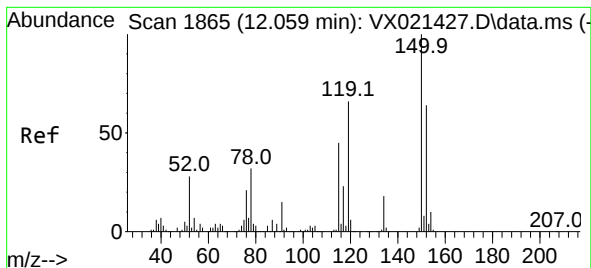
Tgt Ion: 95 Resp: 55633
Ion Ratio Lower Upper
95 100
174 77.6 0.0 154.6
176 72.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

Tgt Ion: 117 Resp: 110976
Ion Ratio Lower Upper
117 100
82 60.4 47.4 71.2
119 33.5 26.6 39.8

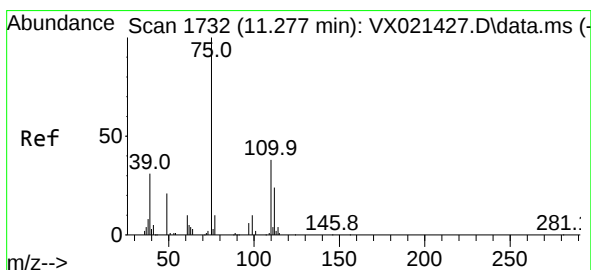
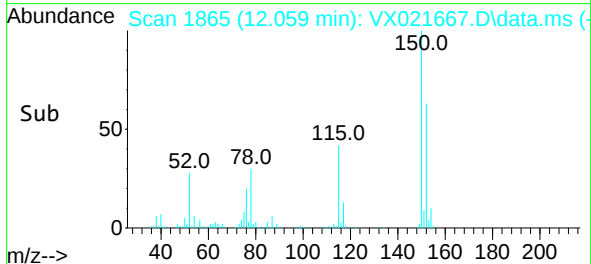
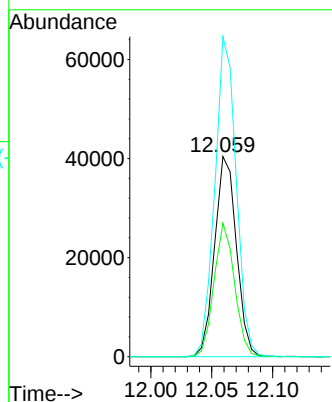
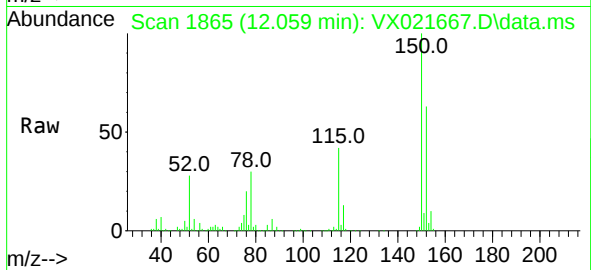




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

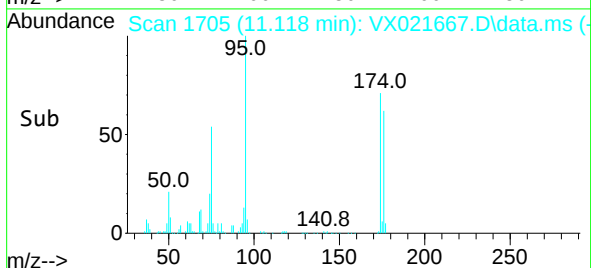
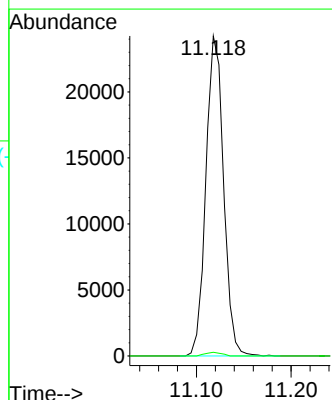
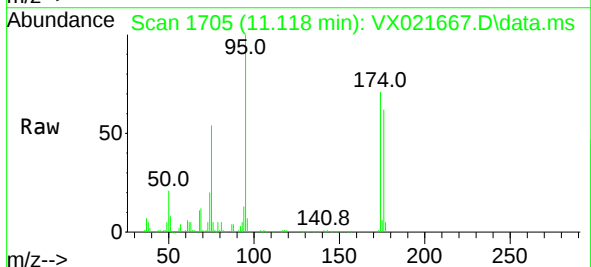
Instrument :
MSVOA_X
ClientSampleId :
TT180D1-20210323

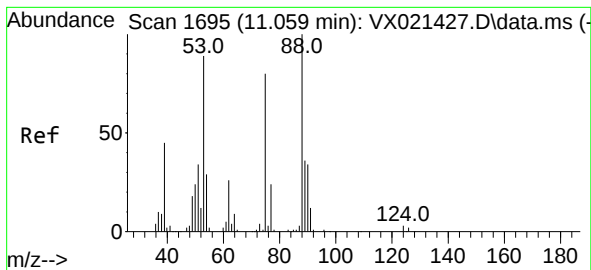
Tgt Ion:152 Resp: 50326
Ion Ratio Lower Upper
152 100
115 62.9 41.1 123.3
150 156.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.79 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021667.D
Acq: 31 Mar 2021 06:31

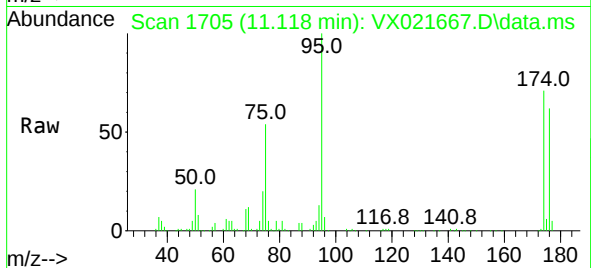
Tgt Ion: 75 Resp: 31387
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.60 ug/l
 RT: 11.118 min Scan# 1705
 Delta R.T. 0.059 min
 Lab File: VX021667.D
 Acq: 31 Mar 2021 06:31

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D1-20210323



Tgt Ion: 75 Resp: 31387
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

